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RECTION

** FEB 1 0 1955

U.S. Department of Agriculture

2686 E. Paloma Street

Pasadena 8, California

HAWORTHIA AND APICRA LISTS

Haworthias and Apicras are pot plants treasured for their unique variations in plant forms. Flowers, in all instances, are very minute borne on slender branching stems and are usually white or greenish, sometimes faintly pink. Haworthia flowers are small with spreading petals and by SMALL we mean up to one-half inch in diameter. Apicra flowers are about the same but tubular or prismatic.

No attempt is made to describe these plants in detail. Between two groups of Haworthias there can be many transitional forms which make it difficult to say where grations begin or and

which make it difficult to say where sections begin or end.

The following symbols will give you some idea of many of the Haworthia plant characteristics:

R - plants are low growing rosettes.

E - plants are erect and tall growing - 4 to 8 inches.

P - plants are marked with pearly white or green dots, sometimes arranged in rows; or tubercles.

V - plants with leaves distinctly veined or lined.

X - plants with leaves quite thick and smooth.

M - plants with leaves that have slender hairy teeth or at least tipped with an awa.

* - plants are low growing with thick transinged leaves.

** - plants are low growing with few thick opaque leaves.

We aim to have all plants true to name insofar as possible; however, authorities are not in agreement on all names, so we offer this list with that reservation.

Prices quoted herein are for rooted cuttings. In some cases unrooted cuttings can be supplied if acceptable to the customer.

Please advise. All cuttings are post-paid and subject to stock on hand. We do NOT book future orders.

To facilitate your order please give a few alternate selections otherwise we will have to refund cash on varieties which may be sold out. California customers please add 3% state salestax.

Our collections of Haworthias and apicras contain many varieties which are not being offered at this time due to the slowness in propagation of some varieties by cuttings or leaves, or difficulty in producing fertile seed.

Beginners Collections

5 for \$1.00 - our choice. Any 10 - 35cent varieties - your choice - \$3.00

Higher priced varieties 10% discount if order totals \$5.00 or more.

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Particular Cullettone

for J. co - our choice. Any 10 - Goene wirtenies - your endice - 03,00

Myher priced variation 10% discount if order totals 85.00 or more.

HAWORTHIA LIST

H. altilinea R * XX H. altilinea	35е н.	cymbiformis
var. denticulata	35е н.	var. obesa R * 75c cymbiformis
H. altilinea var. Morrisae	50c	var. obtusa R * \$1.00
H. altilinea	H.	decipiens E 50c
var. mucronata R V	50e	(slender)
H. angustifolia var. albanensis R * XX	1.00 H.	denticulata R XX 35c
H. angustifolia var. subfalcata R \$	1.00 H.	Dielsiana 35c
	H.	Emilyae 35c
H. Armstrongi E P \$		Eyliae E P 35c
H. atrovirens	35c	
H. attenuata R P		fasciata R P 35c (long leaves)
(slender leaves)		fasciata
H. attenuata var. argyrostigma	50c	var. caespitosa subvar. Kingiana R P 75c
H. attenuata var. Britteniana R P	75c H.	fasciata
H. attenuata	H.	forma sparsa R P 35c fasciata
var. caespitosa H. attenuata	50e	var. Staadensis R P \$1.50 fasciata
var. clariperla R P	35c.	var. subconfluens \$1.00
(small growing) H. attenuata	н.	fasciata R P var.ovato lanceolata \$1.00
var. typica R P	75c	
H. Beecroftiana		glabrata R 35c glabrata
H. bilineata R	35с н.	var. concolor R 35e glabrata
		var. pervirides R 35c
H. caespitosa XX H. caespitosa	50c	glauca P \$1.00
forma typica	35c	
H. Cassytha E P	75e	gracilis R XX 75c (very small growing)
H. Chalwinii E P	35c H.	Greenii E P \$1.00
H. coarctata E P	35e H.	Haageana 35c
(heavy growing)		Haageana R * XX
H. confusa	75c	var. subreticulata \$1.00
	H.	Helmae R ** 50c
(small grower)		Herrei P \$1.00 (semi-erect)
H. cuspidata R **	35c H.	Herrei
		Jonassan D. CC
H. cymbiformis		var. depauperata P 75c
H. cymbiformis var. typica R *	35с н.	var. depauperata P 75c Hurlingi var. ambigua R 75c

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H. cymbifortis	H. closings R = ZX 35c
Ver. obese R * 75e	H. eletlines wer. dentiouleta 350
OOLE . A saudo	sections E
La decipiers E 50c	ectivis.
(rlender)	vers exercised 2.7 50e
F. der ticulate R XX 35c	on light a Released to war.
1 Meletona 35c	oo.i; fi stacicides and
H. Emllyae 35c	
H. Byllne I P 35c	
Il faceleta C P 1 35e	H. atrovirons
(long leaves)	He attended R P 350
var- cessitoss	W. attenuate were secrecal and 50e
H. furelata	Se appropriate Section Section 200
form spores R P 35c	
W. foreigte	The editional company of the second company
var subconfluens 31.00	description of 350
ver ovate lanceolata 31.00	H. octobelles H. F. P.
E. clobenta E 35c	350
II. glabreta vere concolor R 35c	
W glebrite perviring R 35e	350
N. CO.IC P Sousing M	OCT.
H gradiis H XX 75c	SEE MAIN MAIN
(Auth Emeril Chank)	750
H. Greens B P (1.00	o₹5'
IL Hangeana 35c	35
He Hearden R * XX * A company H	
N. Molinne R ** 50c	
OO.ES 9 E.O.	
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tion dependents P 75e	

Haworthia List

Н.	hybrida E	35c	н.	radula R P 35c
H.	icosiphylla R P	35c	H.	Reinwardtii
н.	Import #123 and #124	50c	H.	var. typica E P 35c Reinwardtii
н.	incurvula	75c	H.	var. Adelaidensis 75c Reinwardtii
H.	integra	35c		var. Archibaldiae \$1.00 Reinwardtii
н.	Jonesiae E P	1.00		var. conspicua E P 75c Reinwardtii
н.	laetivirens	35c		var. fallax E P 50c Reinwardtii
	limifolia R V	31.00		var. major 35c Reinwardtii
n.	limifolia var. stolonifera			var. pulchra E P \$1.00
	forma Pimentelii		77 11.	resendeana E P 50c
н.	Manda's hybrid R X (sold in commerce)	50c	H.	reticulata R * 50c (many leaves)
H.	Manda's hybrid	1.50	н.	reticulata var. acuminata R 50c
	entirely different from originates	m	H.	reticulata
	margaritifera R P			var. commaeta R P \$1.00 (dull green)
H.	margaritifera var. granata R P		H.	retusa R V X ** 75c
T.F		7) (II.	rigida I P 35c
77.	Maughanii R P (small cuts)	\$4.00	н.	(dull green - rough) rigida
**	(slow growing, large per			var. expansa E P 50c
	metallica E P		Н.	rugosa R P \$1.00
н.	mirabilis R V	\$1.50	н.	Ryderiana R X 35c
H.	nigra E P (blackish-green)	50c	H.	Schuldtiana R 75c
H.	obtusa R *	35c	H.	Skinneri E P 35c (dark green)
H.	obtusa var. suberecta R *	75c	H.	subattenuata R P 35c
H.	pilifera R * XX	350		
H.	pilifera var. columnaris R *	75c		subfasciata R P 35c (bright green)
H.	planifolia R * X	35c	н.	submaculata R P 50c
	(large growing) planifolia		7.7	(slow growing)
-+•	var. setulifera R * 1	35e	II.	subrigida E P 35c (3-sided)
н.	pygmaea R * V (neat growth)	75c	Н.	subuIata R P 35c

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H. radula n P 35c	No temporal 350
T. Befaverdtii	IL toostphylls R P 35:
ver typics E P 35c	No Report Will and "124 Foo
ver Adeleidensis 75c	the temperature 75%
var, Archibaldiae (31.00	250
ver. conspicua E ? 75c	CO.I. I Francis I
yer feller E P 50c	H. Lastaviners
Tare major 350	character of allocates of
ware pulsing R P 31.00	il limifolia
In recordesia E P 50c	Co.li liletaeuli arrol
H. reticulate H * 50e (nery leaves)	H. Hamis's hybrid 1. X 50c
War semainate R - 50c	of a Mendal of the state of the
I. reticulata	Totalita mort seria bas areda
(full green)	No markettere R P 350
H. retusa n v z ** 750	He man architects R F 750
(dull green + rough)	
il sista var, expense E P 90c	(cost entry Jacon parts)
Ne sugges R P - 01.00	359
il lyderdama B X 35c	00-44
M. Somilations R 75e	503
% Safament B F 35c (dark green)	cee
il subatterniata B P 35c	205
H subfeedate R P 35c (hright green)	
H. subramblata R P 50e (colow growing)	
M. entended E P 35c	
I E 350	

Haworthia List

H.	tenara			
	var. major XX	35c	H. translucens (small growing)	350
	tessellata R V ** tessellata	35c	H. turgida R * V	35c
H.	var. Englerii R V * tessellata var. inflexa R V **		H. turgida var. suberecta	35c
н.	tessellata var. parva R V **		H. umbraticola R *	50c
H.	tessellata var. parva	TT shales m		
IJ	subvar. recurvata R V	%**35c	H. variegata R	75c
	tortuosa I P	35c	H. viscosa var. torquata	75c
	tortuosa var. pseudorigida	35c	(3-sided)	776
Н.	tortuosa var. tortella	35c		

Varieties such as the following are slow to propagate; therefore, seldom available:

H. arachnoides; H. asperiuscula; H. asperula; H. Blackbeardiana; H. Bolusii; H. setata; H. Stayneri var. salina; H. truncata; H. viscosa.

APICRAS

Apicras are closely related to Haworthias; usually erect growing, branching from the base with five ranks of closely set leaves terminating in pungent tips. The flowers are small and tubular with only the tips of the tubes spreading.

the tips of the tubes spreading.

We can supply cuttings of the following identified varieties and one variety unidentified but closely related to Apicra Jacobson-

iana. Prices are for unrooted cuttings.

Apicra delitoidea - 50c.

Apicra pentagona - 35c.

Apicra pentagona variety Willdenow - 75c. (var. Willdenow is a smaller type of pentagona)

Apicra Skinneri - 50c. (this is not the hybrid Haw. Skinneri)

Apicra - unidentified - 75c. (very similar to A. Jacobsoniana but grey-green foliage)

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